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CPY - ASAH

DC - A23

FS - CPI

IC - C08K3/34 ; C08K9/04 ; C08L77/00 ; C08L101/00

MC - A08-R06B A11-A03

PA - (ASAH ) ASAHI KASEI KOGYO KK

PN - JP9217012 A 19970819 DW199743 C08L101/00 005pp

PR - JP19960025250 19960213

XA - C1997-148339

XIC - C08K-003/34 ; C08K-009/04 ; C08L-077/00 ; C08L-101/00

AB - J09217012 Preparation of composite material(s)(I) composed of thermoplastic resin and layered clay mineral(s) comprises kneading mixt. composed of (A) and (B) under mixing index(Mix, defined in text) 30-200 m-3. (A) is layered clay mineral(s) having onium organic cpd(s). between the layers (B) are thermoplastic resin(s).

- USE - (I) is useful as moulding material.

- ADVANTAGE - (A) is dispersed in (B) homogeneously as fine particles.

(I) show improved flexural strength, flexural modulus, dyeing properties and heat resistance. (I) does not show chalking.

- (Dwg.0/0)

IW - PREPARATION COMPOSITE MATERIAL THERMOPLASTIC RESIN LAYER CLAY MINERAL KNEAD MIXTURE LAYER CLAY MINERAL ONIUM ORGANIC COMPOUND LAYER THERMOPLASTIC RESIN

IKW - PREPARATION COMPOSITE MATERIAL THERMOPLASTIC RESIN LAYER CLAY MINERAL KNEAD MIXTURE LAYER CLAY MINERAL ONIUM ORGANIC COMPOUND LAYER THERMOPLASTIC RESIN

NC - 001

OPD - 1996-02-13

ORD - 1997-08-19

PAW - (ASAH ) ASAHI KASEI KOGYO KK

TI - Preparation of composite material of thermoplastic resin and layered clay mineral - by kneading mixture of layered clay mineral having onium organic compounds between layers; and thermoplastic resin(s).

A01 - [001] 018 ; H0317 ; P0635-R F70 D01 ;

- [002] 018 ; H0317 ; P0646 P1934 P0635 F70 D01 D11 D10 D50 D86 ;

- [003] 018 ; H0317 ; P0691 P1934 P0635 F70 D01 D11 D10 D50 D92 E13 E00 ;

- [004] 018 ; ND01 ; ND07 ; N9999 N6439 ; B9999 B3418-R B3372 ; K9449 ; B9999 B4148 B4091 B3838 B3747 ; B9999 B4046 B3930 B3838 B3747 ; B9999 B5356 B5276 ; B9999 B4682 B4568 ;

- [005] 018 ; R01949 D00 F80 O- 6A Al 3A Si 4A ; R16529 D00 F80 Al 3A Si 4A O- 6A ; A999 A237 ;

- [006] 018 ; A999 A384 ; A999 A293 ; A999 A248-R ;

- [007] 018 ; D01 F07-R D11 D10 D50 D92 F08 F07 ; A999 A748 ;

- [008] 018 ; D01 D60 F07-R F35-R ; A999 A748 ;

- [009] 018 ; D01 D11 D10 D50 D92 F08 F07 ; A999 A759 ; K9472 ; A999 A748 ; N9999 N6439 ;